

From owner-qrp-1@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: "Thomas J. Whalen" <whalen@swcp.com>
Subject: [4272] 160m antenna
Message-ID: <Pine.SUN.3.91.961112130713.19081C-100000@kitsune.swcp.com>

Hi all, noticed a little interest in top band antennas for minimum space. From past experience, I think a short vertical and elevated at that is about as best as one can do in a small lot. My best 160 antenna was only 8' long! It consisted of a coil made with 1/4 inch copper tubing that was a foot in diameter and about 18 inches long, and tried to keep about 1/4 inch between turns. Your wondering how I kept this together? Well, good old fashioned 1/2 pvc strips cut in half lengthwise and then the whole thing was glued ! The most important part of the antenna was a 22' diameter top hat made out of a couple of 15meter beam elements. Then you have to add some concentric wires on the outer ends and maybe in the middle of the "X". For the 8' foot section I used a piece of fiberglass tubing but one can use a 2x2 or a piece of heavy duty pvc. I erected this antenna atop a 40' tower and added 3- 1/4 radials, and with a little matching at the base (shunt coil), I was on "top band" in style. If you don't have enough room for the radials zig zag them around the best you can. Shorter elevated radials are still better than a lossy ground mounted system. So, have fun on 160, it's a great band for not only dx but also local rag chews. The lower you go in frequency the greater the ground wave signal.....great for local qrp work. I also have made antennas for 160 mobile.....have one in the shack as we speak, and will tell about it later. 73,72,Tom WB5QYT

From owner-qrp-1@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: Bob Kellogg <ae4ic@nr.infi.net>
Subject: [4225] 40-9er Test report
Message-ID: <199611120534.AAA13654@mh004.infi.net>

Hi Gang,

Just for the convenience of the non-40-9er portion of this list, lets start all 40-9er reports with "40-9er" so they can be easily recognised and deleted.

I had a meeting tonight, (Monday) so only got on the air for the last 20 minutes. I rushed into the house, turned on the rig, took my coat off and started to tune. Heard one guy ask another something about the "test", so tailended the QSO.

Of course, I called the guy who *wasn't* contesting. Then he told me he had a HB rig from his junk box which I really wanted to ask him about, but time was running short, so I wound it down with him to look for testers.

Then called KD7S who was running a 40-9er. At that point, I remembered that I had selected an unusual exchange for this contest, including a Rig code - but what else? My mind was blank. I figured out RST, S/P/C, Rig Code, but what was the fourth item? (I'd written JW when copying KD7S) What was JW?????? (I know, I know, it's very clear, *now*) He told me PWR, and I finally got it sent. (I just hope he doesn't know I wrote the rules)

Then heard K5ZTY calling me, answered and the time was up. A contest wouldn't be complete without hearing from Bill. But, by the time I heard him I was so shook up I couldn't function (the Taber syndrome, I think it's called)

But, it was a fun 20 minutes!!

CUL,
Bob Kellogg, AE4IC
Probably, but not necessarily. - Benny Hill

From owner-qrp-l@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: WJ4PRandy@aol.com
Subject: [4301] 49er contest -where's all the 49ers?
Message-ID: <961112232925_2047064411@emout12.mail.aol.com>

After looking closely at the log from last nite
I found I only worked ONE 49er! HEY!
Where are you guys hangin out?
73, Randy WJ4P

From owner-qrp-l@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: Bill Myers <bmyers@destin.nfds.net>
Subject: [4280] 49er Offset Modification Question
Message-ID: <1.5.4.16.19961112170518.1187938a@destin.nfds.net>

Randy and those others that have made the tx offset mod...

I did the mod this afternoon using the resistor, I'm outta chokes right now. Anyway, my power out dropped to about 50mw, from 500mw. I removed the mod and it jumped back up. I rechecked the position and direction of the diodes and put it back together, power out dropped again. Dismantled it and power came back up.

Any ideas????????????????????????????

Will try to get up on the air with it tonight, gotta visit the in-laws for a while (my stepsons senior pictures just came in this afternoon) but I plan to get home in time to play. Gotta catch a fox too...

72/73

--

Bill Myers KK4KF FISTS#2390 QRP-L#755 ARRL ARCI#9282
Snail Mail P. O. Box 178
 Shalimar, FL 32579-0178
Grid EM60rk
e-mail <bmyers@destin.nfds.net>
homepage <http://destin.nfds.net/~bmyers/>
CHECK OUT THE FISTS INTERNATIONAL CW CLUB HOMEPAGE
<http://n9nvv.qrp.com/~fists>
 ^^^^ That's N 9 N V V

From owner-qrp-l@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: KB0PJE /5 Jack Dougherty <jdougher@wt.net>
Subject: [4240] 49er Test: Monday = 1.5 Q's
Message-ID: <32889AFD.6FFE@wt.net>

Thanks K4PQC in Georgia and nice try WJ4P. I got your call back, but QSB took over after that. I sent the exchange anyways, but looks by your post that it didn't make it.

One observation: After all the recent CW activity and just using a keyer, it sure was physically hard to get on with just a straight key! Had hand cramps after about 30 minutes of sending CQ4N CQ4N CQ4N. Sure wish I had an outboard keyer to plug into the 49er... maybe next project.....
KB0PJE /5
Jack /Houston

From owner-qrp-l@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: WJ4PRandy@aol.com
Subject: [4300] 49er: This is fun!
Message-ID: <961112231048_1484205795@emout08.mail.aol.com>

Hey Gang,

I've found it helps to have two antenna's -
one vertical and one horizontal to help get the
right "angle" into different areas. Worked
about twice as many stns tonite as last nite.
Mostly in the first hour. Even had a rag chew or
two - not on purpose if you know what I mean!
This is fun!
73, Randy WJ4P

From owner-qrp-l@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: henley@adept.com (Bill Henley)
Subject: [4274] ?Pocket Morse Trainer?
Message-ID: <199611122102.NAA08620@golf.adept.com>

Hi All,

In 73 there's an ad for the Pocket Morse Trainer
It's on p.33 Oct, cost \$49.

-Are they any good? 8-)

-Should I get one? I'm re-learning so as to get on the air,
can't copy at all so far.

-Can you trade me yours for a "good egg laying chicken" 8-P

-I have a PC and Morse Academy (and I like it).

thanks, Bill N6RHF
San Jose, Ca.

From owner-qrp-l@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: "Dean Marzocca" <n2tnn@ifu.net>
Subject: [4279] CAT HOUSE??????
Message-ID: <199611122245.RAA26936@mail.ifu.net>

> From: Patrick Taber <ptaber@logiccraft.com>

> I have to say that the "standard" version looks a lot nicer than the
chrome
> one. The standard looks business-like and utilitarian. The chrome one

with

> the red knob looks like something a bouncer in a cat house would own....

Now Pat, how would you know what a bouncer in a cat house would use to send code??HuH?? Or are you saying my shack has a furry cat in it? I sort of like mine just the way it is and I get many compliments on the shinny look it has. Really draws attention to the whole CW operation. Well at least people know you can't talk into it so they ask what it is.

> When I was ordering, the woman (whith the voice to die for) on the other end

> told me that they now have plexiglass covers for all the keys in their

> inventory (including the straight.) Just thought I'd pass that along in

> case there are others like me who have a Vibroplex monkey on their backs.

PS my key goes sideways, do you think the have a cover for it? Thanks for the cover info and the

72 N2TNN Dean

From owner-qrp-1@Lehigh.EDU Tue Nov 12 23:12:56 1996

From: "Mike Siegel" <ki6pr@msn.com>

Subject: [4258] CW Speed and Choking ...

Message-ID: <UPMAIL05.199611121722110273@msn.com>

I've been casually following the discussions about CW contest speeds and CW choking during contests and testing. And there are a couple of points that I've noticed:

First, those that complain the loudest about fast CW speeds in contests, are those that are not copying at those speeds.

Second, those that are choking under pressue are either relatively new hams, or only miinimal users of CW.

In the first case, i have to point out that in my (relatively limited) experience as a QRPper and a tester, I have found little relationship between power levels and CW speed. In other words, with the exception of Coherent CW (virtually a mode to itself), if you can copy me at 100 watts and 25 wpm, you'll copy me just fine at 2 watts and 25 wpm, QRM notwithstanding.

Having said that, then it's time to face the facts about contesting. Beyond snagging the multipliers, the number of QSO's is the object - generate the numbers. Which means, that the faster you can work a station, the faster you can get to the next station. The more stations you work in a contest, the

higher your score. Count the beans for yourself.

This means that given reasonable band conditions, those of us that are capable of it, and have our multiplier taken care of, will be moving along at 25-35 wpm, in a normal contest mode. Frankly, I would slow down and check out the Novice/Tech bands, but every time I've done so in the past, I can never find more than just a couple of contacts - the economics are better in the faster lanes. Sorry 'bout that. That's just the way it is. Now get over it.

As to those that are choking under pressure, you've got the wrong picture of CW. You folks that have been around for a while and only use CW for contests, are completely missing the point. CW is still a valid mode of communications (I won't get into that best/worst mode argument - it's irrelevant), and can be fairly efficient for our applications. How about practicing your CW skills in between the 'tests? Make a couple of Q's on the QRP freqs, and get your ear attuned to hearing a little faster CW at less-than-S9 levels. You'll be amazed how much better your CW will be in the contests.

And as for you new folks, you've made the mistake of thinking that you've got to be able to go from 0 to 90 in nothing flat. You've missed the point that ham radio is a LIFETIME HOBBY. You've got a lifetime to get good at it (whatever good is). Don't expect it to come next week; give it some real time, and some honest effort, as I pointed out above.

In the meantime, listen to the fast ones two or three times, if need be; once you've got all their info, all you have to do is get their attention and send them your stuff. If you get into a rhythm in this method it can actually quite well too. And at the same time, you're giving yourself plenty of CW practice...

72/3 to all,

Mike KI6PR
El Rancho R.F., CA

From owner-qrp-1@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: kgraham@CSWNET.COM (Kenton E Graham)
Subject: [4239] CW testing CLUTCH
Message-ID: <199611121342.HAA02836@troi.csw.net>

Responding to "CLUTHCING" when the pressure is on....

In the 1950's (in Kansas) you started ham radio with CW. It wasn't easy, and after a year as novice you had to upgrade. My code still wasn't up to par, so I got my Tech, even though there was NOBODY to talk to. Finally got the

code to 13, and went on to General.

The "CLUTCHING" event I remember, tho, was in 1977, when I went to get the Extra. Note that this is better than 20 years after my novice....

I woke up before dawn with sweaty palms. I knew I could copy 25+ coded groups without a miss, but this was THE DAY. (in those days you went to the FEDERAL BUILDING!!) Quick breakfast and drive from San Jose to San Francisco to try to find a parking space, heart pounding. Gotta be there and ready, by 8:00 AM. Find the building, park, find the room. A gang of noisy people already here!! The stern federal examiner gets us ready. My hand is shaking so badly, I think I cannot hold a pencil. And we do this stuff for fun??

The machine starts and I start scribbling. The text makes no sense to me. Now he's asking us to send to him on that straight key! I bang out some stuff and he says OK. He looks at my copy, calls me up (my heart seems to be in my throat, pounding 10 times stronger than ever) and says OK, I even have several characters to spare (beyond the required perfect 100 characters in a row).

The adrenalin starts to drain out of my face, and my hands are almost fully dry by the time the written part is over, and clutching the little piece of paper that says I'm now an Extra, I drive back to San Jose, permanent smile on my face, wondering if I will get the requested K5ID to replace the ole W6SQO.

Hang in there guys; nobody said it is easy, but CW WILL get to be fun!!

-73- Ken K5ID

From owner-qrp-1@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: stevebar@ix.netcom.com (Stephen A. Baranowski)
Subject: [4294] Father Bruce's snail mail address?
Message-ID: <199611130303.TAA28413@dfw-ix10.ix.netcom.com>

I need Fr. Bruce's snail mail address - misplaced it -

Thanks, and

72 de Steve / AA1BK

From owner-qrp-1@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: "Dan Tayloe-P26412" <Dan_Tayloe-P26412@email.mot.com>
Subject: [4250] First Night of 49er
Message-ID: <M27968592.003.rkdm2.1.961112152949Z.CC-MAIL*/OU=SATCG/OU=AZBH/PRMD=MOT/ADMD=MOT/C=US/@MHS>

Since I couldn't work the fox (again!), I decided to work 49ers instead.

I bagged three of them:

WJ4P, Randy in SC
KJ5TF, Jim in AR
W0LK, in AR

Randy and Jim were both especially loud here most of the evening.

Since I am not using a 49er, I only went looking for others calling CQ 49.

I heard a lot of others around:

WA9PLP, NR3E, N4ZOU, W03B, N5MMB, N6JF, K4PQC, WF5I

to name a few.

One of the biggest problems I have found with this contest is that most of the 49ers are on the same frequency and are unintentionally QRMing each other.

WA9PLP and WJ4P were almost zero beat with each other and both at basically at the same very FB signal strength. They probably just could not hear each other! I worked WJ4P only after WA9PLP apparently gave up.

Poor guys.... The way they were clobbering each other, they probably wondered if the rig was working!

I will be listening again tonight!

- Dan Tayloe, KK7BD, Phoenix, AZ QRP1 # 696

From owner-qrp-1@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
Subject: [4277] For sale - misc Ten-Tec & other goodies
Message-ID: <Pine.3.89.9611121737.A25550-0100000@w3eax.umd.edu>

Ten-Tec Scout MODULES - 80, 40, 17, 12 meters \$23 each
Ten-Tec Scout hand mic (700C - \$18), mobile bracket (\$13)

MFJ-931 artificial ground - \$50

MFJ-202 RX noise bridge - \$30

40/20 trap dipole, about 40' long (no brand, but has a model number).
antennas was 1/2 outside thus 1/2 of it is oxidized, the other
half like new. \$80 new, asking \$40.

MFJ-1704 High-power 4 position (with cented ground, lightning protection)
coax switch, new in box, never used - \$60 new, \$48.

Ramsey PA-10 2m 5 in 30 out power amp - preamp has been removed.
Excellent condition with box and manual, \$45.

and that's all (for now)

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 75 grids worked on 8 watts *** HF 138 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** 145.490- 147.225+ PL 156.7 *

From owner-qrp-l@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
Subject: [4288] For sale: DownEastMicrowave 2m xverter kit
Message-ID: <Pine.3.89.9611122103.C26269-0100000@w3eax.umd.edu>

Complete kit for 20 watts out on 2m, low noise receive converter. Uses 28
MHz IF. Complete kit, totally unbuilt. One generation old, lots of
updated instructions (from DEM).

Sells for \$295, asking \$200 plus shipping.

Background: QRPers like to build kits; so do I, but I have three or four
kits sitting here waiting to be built, so i figure someone else should
get the chance on this one.

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 75 grids worked on 8 watts *** HF 138 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** 145.490- 147.225+ PL 156.7 *

From owner-qrp-l@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: k2nf@juno.com (Norman E Fink)
Subject: [4235] FOX ALERT!! FOX ALERT!! FOX ALERT!!

Message-ID: <19961112.091130.4903.0.k2nf@juno.com>

Fellow FOX-Hunters,

Thanks again for the great time back in October.
Now it's time for the Florida FOX to run again.
Look for me this Wednesday evening, 11/13/96.

Call: K2NF
Name: Norm
Freq: 7135+/-
Power: 4 Watts Output
Rig: IC-751
Antenna: All-bander Inverted Vee
QTH: Orange City, Florida
Time: 20:00 - 22:00 EST
19:00 - 21:00 CST
18:00 - 20:00 MST
17:00 - 19:00 PST
01:00 - 03:00 UTC

Sorry about the time being so early on the west coast.
When I volunteered to be the FOX I didn't think about
the upcoming time change. I'm pretty sure conditions
should be okay this early, but it makes it a bit
inconvenient for the working folks. Maybe it will
work out better for the east coast gang, though, for
contacts with closer-in stations before the skip gets
long.

It's possible I may not be able to get on at exactly
01:00 UTC. So, don't get upset if you don't hear me right
away - I will show up. Whatever time I do get on, I will
be operating for a full two-hour period.

I haven't been active for a while so have no idea what
conditions will be like - hope they're as good as they
were for my previous operation.

Looking forward to working as many of you as possible, and
many of the stations I missed last time. See you all
Wednesday evening.

Norm, K2NF

From owner-qrp-1@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: "Bob Tellefsen-CNSE97" <Bob_Tellefsen-CNSE97@email.mot.com>
Subject: [4262] Fox night N2TNN
Message-ID: <M1144008.007.rnyc7.1.961112164702Z.CC-MAIL*/OU=LMPCC10/OU=ILBE/
PRMD=MOT/ADMD=MOT/C=US/@MHS>

Well, Dean, I tried. Sat there for two hours listening, and never heard a signal from the east coast. I think I heard two different signals that might have been calling or working you, but otherwise, nada.

Think I even dozed off briefly at one point. The steady white noise can put you under real easy, hi.

Better luck next time to all of us who missed you.
72, Bob N6WG Newark, CA (on SF Bay)

From owner-qrp-1@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: "Ahrens Tim" <tahrens@devmail.sps.mot.com>
Subject: [4248] FOX: Yehaaa, got em both!
Message-ID: <9610128478.AA847820300@devmail.sps.mot.com>

Couldn't believe it... got two foxes in one night.
My 1st N/T, & NJ. Also got KD7S in the 40-9er contest. Great evening... HOWEVER,, these guys were significantly more difficult to hit than that 6-point buck was on Saturday night... Death by GMC Yukon. We're ok, but on to the body shop!

My hats off to all of the foxes!

cu

Tim W5FN xWA5VQK

From owner-qrp-1@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: Joe Gervais <vole@primenet.com>
Subject: [4226] FOX: Skunked Yet Again
Message-ID: <199611120601.XAA03932@primenet.com>

Howdy All,

Hmmmm. Well I knew it was too good to be true. Had a really nice run of Fox hides going, then suddenly I'm 0 for 3. Might've had a good chance tonight, but I'll never know. Seems the "mystery QRN" that's plagued my QTH has finally drifted down to cover 7036-7067 with S-7 static. Only comes on at night, and disappears very late in the evening. AAARGH!!!! Didn't bother me when it was higher up and only devouring the digital crickets and the lowest part of the Novice band.

Time to do some serious sleuthing or I'm going to be spending the rest of the Fox season sulking on 30m. :-\

Hope the rest of you had better luck bagging the Furry One!

Cheers de KC7NEV,

-Joe, vole@primenet.com, AZ ScQRPions

From owner-qrp-1@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [4236] FOX: Standings #6
Message-ID: <199611121330.NAA21930@chuck.dallas.sgi.com>

Gang,

This last week finds CA ahead by one and we added a tie, thus the .5 in the scoring. Looks like both sides are bringing in all the firepower they can. I can see that Doug and others in CA are making phone calls, sending email, :-)

I see one ringer enter from the Lone Star State. I won't give any clues but they know that I know that they know that I know. This person has more countries worked than all but four people on the list. :-) Dinners on me the next time in the city. :-)
Same restaurant.

Everyone let me know of call changes with the new vanity stuff and I'll change it the next posting or ASAP.

Foxhunt Current Standings Week #6 November 12, 1996

The Big Game!!!! CA-6.5 TX-5.5 November 1, 1996

Fox Scores

CALL	CONTACTS	STATE
AB50U	37	NM
AE9K	23	WI
K2NF	59	FL
W03B	29	MD
NQ7K	37	AZ
N9DD	40	IN
KF2PH	12	NY
WA5VQK	50	TX
WB8RUQ	47	MI
WA1GUV	21	VT
KA5DVS	25	NJ
WB5QMP	22	ID

Novice and Tech+ Scores

KB0ROL	12+ 9	CO
WD4MSM	5+ 5	IN
KB9LGJ	11	AZ
WA7SSA	7+ 5	ID
KB9JLO	12	IL

Note: X.5 means X regular foxes and .5 means one Novice(5 pts)
so that score is X+5. Only one Novice per non-Novice stn.
So 3.5 means 3 regular and 1 novice for total of 4 contacts,
but 8 points total. Only one Novice
allowed for the season for stations other than Novice/T+.

Hunters Scores

Leaders: (9.5) NQ7X W5TFB N6ULU(a.k.a. N6XU)

W0CH/m(3.5) AA0XI(7.5) W00Q(6) WB0CLD(2) AB0CD(3) KI0G(1.5) AA0XZ
KQ0I WA0FGV NI0A(2) K0EVZ WA0RPI(2) KD0SU KB0VCC(2) AA70A
N0TFI KB0PJ N0UR
K1MG(7.5) AK1P(4) WA1QVM(3.5) W1HUE(6.5) N1RXT KA1AXY N1QQV KC1GS
W1UI(0.5) AA1MY(0.5) WA1YIA(1.5) KC1FB(0.5)
AA2WJ(6) AA2PF(4) N2G0(2) WZ2T N2VPK(3.5) K2VNM(2) N2YRJ N2TNN K2NF

KG2DP

K3ETS N3SLR N3KFL W3PNL KA3WMJ(1.5) W03B(1.5)
AE4IC(5.5) WB4ZKA(2) KE4YH(8) W4STX KS4L KE4KDT(1.5) AD4ZE(2) WJ4P(2)
K4CGY KK4KF(2) N4SO KI4JA
N5ET(9) AB5OU(3.5) KC5RAS(3) KK5R0(7.5) W5TFB(9.5) AB5UA(6.5) K5UP(5) WA5VQK(7)
K5ZTY(4) KK5MC/5 WA5WHN(1.5) AC5II(3) N5JKY(3) K5F0(4) WB5QMP(2)
WB5QYT(4) W5VB0(1) KK5GJ(1.5) K5RV(2) W5HNS(2) WA5CVM AC5CI KA5DVS
NA5N(2) KA5T(2) WD5GKH K5ON KB5YVT AC5BC KE5TF(2)
KK6MC(8.5) N6WG(5.5) KQ6AG(4) W6BAB(7.5) AB6DG(4) KI6DS(3) WA6NAE(4.5) W6ABX
K06KA(5.5) KI6SN KD6ZMJ(1.5) WA6MOK(0.5) K6VNX(5) N6XI
WA6HHQ(5) AA6R(2.5) WA6OWR W6EMT N6GA AC6KW WA6GER(2) WA6RAE
W6EMD(2) WB6LMA(0.5) KI6OY(1.5) N6ULU(9.5) N6KR(0.5) W6ZH
N6PDX W6BAB(0.5)
KK7BD(7) AB7ST(5.5) KC7NEV(6.5) NQ7K(5) NQ7X(9.5) KU7Y(6.5)
KI7MN(3) AA7QY(4) N7GS(6.5) WW7Y(2) N7MFB WB7DUO KG7PV W7JDZ(3.5)
AB7HI(2) KJ7NS AB7OA W7SNV N7CQR AB7MY N7MFB KJ7LB(0.5) KE7X
W7LR KJ7UN(1.5)
W8DN(6.5) WA8CDU(5.5) WB8ZJL WD8LDY
AE9K(3) W9UQB N9DD(5.5) KB9IUA(5) K9DZE(3) NN9K(4) W9ZSJ NY9B WA9PWP
N9RYI WA9YLB(2)

VE7CQK(2) VE3JC(2.5) VE3SP(4) VE7SL(3)

Novice Stations working foxes - these count in separate class of prizes. Let me know if you are N/T+ and have worked a fox and I put you in the above grouping.

WA7SSA(1)

SIG

Chuck Adams (K5F0 CP-60) WAS 40m/30m/20m=49/49/50
EMPS QS0s=109 STATES(w/c)=34/2 DX=0

From owner-qrp-1@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: "Dan Reynolds" <bcdlr@midwest.net>
Subject: [4234] Foxhunt N/T Tonight - Tuesday (local time)
Message-ID: <199611121300.HAA26141@cdale3.midwest.net>

Foxhunt N/T Tuesday November 12 "Local Time" -- Tonight
KB9JLO Decatur, IL 0100-0300UTC

I will be on this evening as the N/T Fox. I'll start out at 7.112 or so.
Will move as conditions require. Please come out and look for me. Time
will be 0100-0300UTC. UTC Date -- November 13 KB9JLO Dan IL
0100-0300UTC.

Dan Reynolds - Technology Coordinator
Lutheran School Association of Decatur, IL
ham radio: KB9JLO packet: KB9JLO@N9KGZ.#CIL.IL.USA.NOAM
web: <http://www.midwest.net/orgs/lsa/>
email: bcdlr@midwest.net or lsa@midwest.net

From owner-qrp-1@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: "Dan Reynolds" <bcdlr@midwest.net>
Subject: [4299] Foxhunt NT 11-12-96 Results
Message-ID: <199611130410.WAA07546@cdale3.midwest.net>

Well, this went much better than the other times. I still had some problem with noise. If I missed anybody I'm sorry. I heard some that I just couldn't make out. Thanks for you patience. Here are my results:

Freq	Call	State	Name	qrp-1 No.
7108	VE7SL	BC	Steve	769
	VE7CQK		Paul	20
7108.1	NQ7B	AZ	Floyd	343
	K50N	NM	Gary	770
7108.5	WA7SSA	ID	Noel	119
	N6MM	CA	Harvey	318 (heard you? but didn't qso)
7112	K3ETS	TX	Dennis	357
	KA5T	TX	Larry	89
	KK4KF	FL	Bill	755
	K5ZTY	TX	Bill	473 (sorry Bill about the "y")

I moved around freq-wise because of BC. When I first started the BC was so bad you could hear it clear down to 7108+ or so. Then qxm and qxn became so bad that I moved back up to 7112, it was clear from about 200 on.

Thanks guys!

Dan Reynolds - Technology Coordinator
Lutheran School Association of Decatur, IL
ham radio: KB9JLO packet: KB9JLO@N9KGZ.#CIL.IL.USA.NOAM
web: <http://www.midwest.net/orgs/lsa/>
email: bcdlr@midwest.net or lsa@midwest.net

From owner-qrp-1@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: Howard Sherer <howardsh@ptdprolog.net>
Subject: [4246] FS OHR Classic QRP duabander
Message-ID: <32888D21.73E1@ptdprolog.net>

For Sale in mint condition includes the keyer and a gelcell batt \$200.
obo.
Howard AE3T

From owner-qrp-1@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: Michael D Wyman <Michael_D_Wyman@ccm.ch.intel.com>
Subject: [4261] FS: Cascade

Hi all,

I have for sale a Norcal Cascade Built tuned and running. The case is brushed aluminum. I also have the materials to modify the radio for 40/17 Meters. The radio works great, just don't have the time to mess with it right now. I figure someone will give it a good home.

Please contact me at:

Michael_D_Wyman@ccm.ch.intel.com

72 de Mike W1DRY

From owner-qrp-1@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: stevebar@ix.netcom.com (Stephen A. Baranowski)
Subject: [4247] FS: Misc Items to finance my Sierra :-)
Message-ID: <199611121515.HAA00796@dfw-ix11.ix.netcom.com>

Hi Guys and Ladies -

If I sell just a few more things, I can afford to get my Sierra (with 6 band modules and KC-2) without breaking into the piggy bank - Thanks for reading this - and thanks to all of you who have sent along some interesting E-Mail, comments, offers and so on. While most of this stuff is not really QRP related, I have mentally justified posting it here because the end result is a new QRP rig!!! How about that for rationalization!!!

The asking prices here include shipping to the lower 48. All offers considered.

Ramsey FTX-146 2m transceiver - built - in Ramsey case - set up to use for packet, but supposedly will also run just fine on FM. I only used it for packet. Not a bad radio - front end is a bit broad, and about 3-4 watts output. Diode matrix to set up freqs. Book included. Good condition.

Cost: \$150 + \$30 case - - - Ask: \$100

Ramsey PA-10 2m linear and preamp - factory built - 3w in, 30 w out. You can disable the receiver preamp. I have inserted a helical filter to cut down on front end to cut down on intermod at my last QTH. Works great.

Cost: \$100 - - - Ask: \$75

Heathkit High Voltage Probe - an absolute must for video troubleshooting. I bought it to fix a scope - sold the scope - now I think that someone else could use this. Model IM-5210.

Paid: \$35 - - - Ask: \$25

B&W Model 600 Grid Dip Meter - An oldie but goodie - complete - AC powered. I got it at a club auction, but never used it.

Paid: \$35 - - - Ask \$25

Radio Shack Autoranging digital multimeter, RS 22-174. Complete w/ probes, temperature probe, manual.

Paid: \$90 - - - Ask: \$55

MFJ-721 Active Audio Filter CW/SSB - Op amp audio filter box - works fine - similar to the TenTec / Doug DeMaw circuit.

Paid: ??? - - - Ask: \$25

CCI EB65 140 watt PEP SSB Linear Amplifier Kit. All of the parts and documentation that comes from CCI, PLUS some additional parts, box, heat sink. This was something I never got around to building.

Paid: \$100 - - - Ask: \$60

Best way to contact me is by E-Mail - I check it several times a day. I will respond by E-Mail (or even phone if you wish -) almost immediately.

E-Mail direct, vice through the qrp-l.

Thanks again for reading all of this.

72 de Steve / AA1BK

stevebar@ix.netcom.com

From owner-qrp-1@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: stevebar@ix.netcom.com (Stephen A. Baranowski)
Subject: [4271] FS: Misc List (Reduced length and Prices)
Message-ID: <199611121935.LAA27188@dfw-ix5.ix.netcom.com>

Hi Guys and Ladies -

* * * * * Lower prices than this morning (11/12/96) * * * * *

If I sell just a few more things, I can afford to get my Sierra (with 6 band modules and KC-2) without breaking into the piggy bank - (((AND WE ARE ALMOST THERE !!!))) Thanks for reading this - and thanks to all of you who have sent along some interesting E-Mail, comments, offers and so on. While most of this stuff is not really QRP related, I have mentally justified posting it here because the end result is a new QRP rig!!! How about that for rationalization!!!

The asking prices here include shipping to the lower 48. All offers considered.

* Ramsey FTX-146 2m transceiver - built - in Ramsey case - set up to use for packet, but supposedly will also run just fine on FM. I only used it for packet. Not a bad radio - front end is a bit broad, and about 3-4 watts output. Diode matrix to set up freqs. Book included. Good condition.

Cost: \$150 + \$30 case - - - [Ask: \$100] *** NOW \$75.00 ***

* Ramsey PA-10 2m linear and preamp - factory built - 3w in, 30 w out. Runs on 12 vdc. Use with your HT in the car - - - You can disable the receiver preamp. I have inserted a helical filter to cut down on front end to cut down on intermod at my last QTH. Works great.

Cost: \$100 - - - [Ask: \$75] *** NOW \$60.00 ***

* Radio Shack Autoranging digital multimeter, RS 22-174. Complete w/ probes, temperature probe, manual.

Paid: \$90 - - - [Ask: \$55] *** NOW \$40.00 ***

Best way to contact me is by E-Mail - I check it several times a day. I will respond by E-Mail (or even phone if you wish -) almost immediately.

E-Mail direct, vice through the qrp-1.

72 de Steve / AA1BK
stevebar@ix.netcom.com

From owner-qrp-1@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: KFGlynn@aol.com
Subject: [4254] Has Anyone Seen the new Vibroplex Straight Key
Message-ID: <961112121029_1484096723@emout16.mail.aol.com>

Hi gang,

Has anyone seen their new straight key (other than the photo)?

Just curious.

72 Kevin N2T0 (ex-KB2TE0)

From owner-qrp-1@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: Bill Howell <bhowell@mail.utexas.edu>
Subject: [4283] Incredible response from this list! (R7 info)
Message-ID: <199611122353.RAA16486@mail.utexas.edu>

Ask and ye shall receive!

I received three faxes, and one offer of a fax, within hours of my post requesting an owners manual for my Cushcraft R7.

Thanks to:

AB7ST

K4AH

N4XY

KJ7YF

and any others who may have responded via the list (I get the digest version).

What a group!

Bill Howell
University of Texas at Austin
Performing Arts Center
Electronic Maintenance
voice: (512) 471-1388
bhowell@mail.utexas.edu
N5ALO QRP-L #415

everything is sacred
nothing is serious

From owner-qrp-1@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: bhopkins@polarnet.com (Bruce Hopkins - KL7JAF)
Subject: [4290] LDG QRP Auto Tuner is out...
Message-ID: <v01540b01aeaed407ea6a@[204.119.24.117]>

Hi Gang...

Just received a note from Dwayne - WD80YG of LDG Electronics
announcing the release of the QRP version of their automatic antenna
tuner... More information is available on their web page...

<http://www.radix.net/~ldg>

Take care and have fun...

72/73/oo's - Bruce * KL7JAF

EMPS QS0s=7 STATES(w/c)=1/0 DX=0
AK

Web Page: <http://www2.polarnet.com/~bhopkins>

Alaska QRP Club Web Page: <http://www2.polarnet.com/~bhopkins/akqrp.html>

From owner-qrp-1@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: davida@utw.com (David A McPhie)
Subject: [4284] LOGWINDOWS 3.0
Message-ID: <199611130010.RAA10603@ra.utw.com>

Is A.E.A. still supporting Logwindows? Their service line is always busy. I even sent a fax and no response. I think it would be a great logging program if I could get just a few of the features to work!

Dave McPhie K7SX

From owner-qrp-l@Lehigh.EDU Tue Nov 12 23:12:56 1996

From: "Dean Marzocca" <n2tnn@ifu.net>

Subject: [4278] Monday nite fox results

Message-ID: <199611122236.RAA26446@mail.ifu.net>

Here it is guys and gals. My first effort as a fox and all the credit goes to you. Most of the contacts were clean and fast, well at least to me because I don't have any other way to compare it to, I never heard a FOX before!!!

I want to point out the courtesy shown by all the hunters. Yes, there was a pile up but when I returned a call and it was way down low, no-one jumped the gun and QRMed so it had to be repeated. I don't know if I gave too much info by repeating my end with each contact but I wanted to get it right.

Thanks to all the hunters and the silent hunters searching and thinking about me. I will be back again and maybe we could move the count up to about 80 QSOs.

NOW THE LIST!!!!

0108 N6MM	569	CA	318
0109 W5TFB	599	TX	282
0113 W5CTZ	569	TX	4W
0118 W6ZH	229	CA	????
0124 W5FN	559	TX	586
0128 AB5UA	119	OK	478
0131 N5ET	599	TX	123
0134 KC5RO	559	OK	325
0140 K5ZTY	599	TX	473
0143 K5RV	339	LA	324
0145 KE5TF	599	TX	5W
0149 AA0XI	339	CO	153
0157 N6XU	339	CA	66
0200 W6KAK	119	CA	2W
0203 K5MO	119	TX	27?
0208 W5HNS	339	TX	178
0210 W3WZ	469	PA	450
0217 W00Q	569	CO	793
0218 KJ5SP	599	OK	100
0222 K5W0	119	TX	273

0228	KK4KF	599	FL	755	
0232	AC5II		559	OK	264
0245	KA5T	229	TX	89	
0249	N5LU	599	OK	5W	
0255	KA5DVS	559	NJ	63	
0257	WB5J	559	TX	5W	
0259	NQ7X	559	AZ	343	
0305	KE4YKH	599	FL	590	
0306	WA6EIW	599	CA	5W	

So, there it is. Let know of any corrections, I was writing fast and it looks sloppy right now as I copy it over.

Thanks for the fun, it was great..

Dean N2TNN
 Somerset, NJ
 QRP+, Gap Titan vertical, 4.5 watts output
 Bencher paddles, MFJ portable tuner and WM-1 to keep it all honest

From owner-qrp-1@Lehigh.EDU Tue Nov 12 23:12:56 1996
 From: nskousen@scientechn.com (Niel Skousen)
 Subject: [4253] N/T Fox rpt - Late
 Message-ID: <v02140b02aeae5777dbd7@[198.60.91.132]>

Thanks again for the support in the N/T Fox hunt, sri abt the late report
 !! Jay, the N/T Clutch hit really hard when your call came by. Amazing
 how that works... :-) Usually happens when yu get to 'de' and realize you
 just copied your call coming back, oh oh, clutch time...

One nice thing about the Fox hunt experience is that the commitment to be
 there for 2hrs ensures that there is plenty of time to get past the
 'clutch' and then really have fun !! (even if it does take us 15 min to
 get 37 sec's of slow code.....:-)

N/T Fox, Thur 11/7 (11/8 0200-0400 UTC)

Time	Call	RST	<RST.Name.State.Nr/Pwr>	ie his report to me...
0248	WA5WHN	229	449 Jay NM 638	
0305	K5ON	218	--- <Gary>NM ---	
0353	N6XU	599	449 Stan CA 66	

Thanks to you all again,

72
Niel

PS CA-0 TX-0 sri.. :-)

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-----
Niel Skousen; S.Eng, SCIENTECH.SPG      nskousen@scientechn.com
208.525.3742, FAX 529.4721 Idaho Falls ID      WA7SSA QRP-L.119
-----DN33wm- . . . ----
```

From owner-qrp-1@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: Bill Howell <bhowell@mail.utexas.edu>
Subject: [4270] Need Cushcraft R7 manual
Message-ID: <199611121930.NAA20305@mail.utexas.edu>

I just purchased a used R7, but the owner couldn't find the manual.
I understand that it is only three or four pages.
I called Cushcraft...they wanted me to snail-mail them \$2, and then they'd
snail-mail the manual to me. I don't mind the \$2, but
I was hoping to put the R7 up in the next couple of days, so a fax would
be appreciated.
If someone is willing to fax, the number is (512) 471-3636. It will
need a "cover sheet" with my name on it, as other folks also use this machine.

I would also appreciate anyones comments on the R7. I had planned on
mounting it on the flat portion of my roof (abt 12 feet above ground).

Thanks,

Bill Howell
University of Texas at Austin
Performing Arts Center
Electronic Maintenance
voice: (512) 471-1388
bhowell@mail.utexas.edu
N5ALO QRP-L #415

everything is sacred
nothing is serious

From owner-qrp-1@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: Werner Jochem <Werner.Jochem@hoexter.netsurf.de>
Subject: [4230] Need US mailing address
Message-ID: <32882DD2.250@hoexter.netsurf.de>

Hello fellow qrp-ers,
Sorry for the bandwith - I know I am a little bit off topic.
In December I will attend a test session in DL to get my US ticket. FCC
doesn't
mail outside USA, so I must have a mailing address in USA.
I'm looking for the gentle ham who will provide this address for me. Of
course I will
pay for all costs involved like forwarding the mail to Germany etc.
I'm 42 years old, married, three cats, no kids - working as a regional
sales manager
in a pharma company. Main interests in amateur radio are qrp and cw.
If you are interested send me a short email.
Joe DK7VW

NB. I sent a mail with the same contents some months ago and got several
answers. Due to
a reorganization ;-)) of my harddisk I lost these mails. Feel free to
write again, if you
did so before.

DK7VW	ARRL * DARC * AGCW-DL * DIG * G-QRP-C * HSC
Werner 'Joe' Jochem	Phone: +49 5271 8577
Postweg 20	Fax: +49 5271 8560
D-37671 Hoexter	eMail:
Werner.Jochem@hoexter.netsurf.de	
GERMANY	jochem@t-onlinde.de

From owner-qrp-1@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: Timothy Gordish <105020.2634@compuserve.com>
Subject: [4295] Novice Fox: They keep getting away
Message-ID: <199611122224_MC1-BE0-9C2E@compuserve.com>

Heard the Novice fox for the first time tonight. Faintly, faintly came the
call KB9JL0... I sent a few calls back, but all attempts were futile. I
wonder what life is like when the propagation gets better than this. One

of the benefits of starting this hobby during a sunspot lull is that it only gets better as time goes by!

73 de Tim
KB9LGJ (another novice fox)

From owner-qrp-1@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: Barry Keating <Barry.P.Keating.1@nd.edu>
Subject: [4241] Novice/Tech FOX Report for Monday
Message-ID: <v03007800aeae2928ee2d@[129.74.87.62]>

*** N/T Fox Report for Monday, Nov. 11th ***

It was a great night for Texas!

The Eyes (and radios) of Texas
Were Upon Me :-)

Hang on California...
Your Night Will Come.

TIME STNNAME ST RST NR

0100	K50N	(heard call clearly but all else faded)			
0105	WA7SSA	Niel	ID	229?	119
0120	N9DD	Tom	IN	589	32
0136	W5FN	Tim	TX	479	586
0145	N5ALO	Bill	TX	529	415
0150	KA5T	Larry	TX	449	89
0211	W5TFB	Jack	TX	559	282
0247	W5HNS	Henry	TEX	as 559	178
		(That's the way Henry sent the state!)			
0252	KE4YH	Stew	FL	559	590
0955	K5ZTY	Bill	TX	559	473

Thank you all; especially those who
listened without success this time around.

Last night was a real study in propagation.
Obviously some parts of the country were
favored (but there is one station west of the
Grand Tetons and another in Florida).

(Confidential to Chuck: My check has not
arrived yet and I won't certify these results

until it does. :-)

Next month I will "Fox" at late (for me) hours
in order to accomodate any western or "night owl"
stations.

Barry Keating
WD4MSM
South Bend, Indiana (90 miles east of Chicago)
MFJ 9040 running 5 watts
G5RV antenna (half-size, 52') up 30 feet

From owner-qrp-1@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: Mark E Gustoff <Mark_E_Gustoff@ccm.ch.intel.com>
Subject: [4243] Portable Power Systems -Low Cost \$

Latest catalog (96C) from Hostfelt Electronics lists a rechargeable portable 12V power system for \$24.95. I've received one, and it is a nice little unit, purportedly good for 8 hrs with 600ma drain. It also has taps for 6V and 9V for running other battery powered devices in the field. Whole unit is encased, with storage compartment for charging cord (12V), and a nice carrying handle. LED battery indicators on front panel warn of give status of battery while in use. These may not last long at this price. Hostfelt can be reached at 1-800-524-6464 and the part number for this item is: 80-279.

I am not affiliated with this company; just a satisfied customer of multiple items from them in the past.

72,
Mark de W07T/QRP

From owner-qrp-1@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: Reid <k5hgb@flash.net>
Subject: [4298] QRP acitvities in San Diego
Message-ID: <3288F559.C60@flash.net>

I am going to be in San Diego Nov.15 thru 20. Are there any ham radio,

particularly QRP, activities in the area during that time? Any radio stores or surplus shops not to be missed? Thanks.

Glen Reid
K5HGB
Austin

From owner-qrp-l@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: James Bennett <james@research.nj.nec.com>
Subject: [4249] QSL card software?
Message-ID: <Pine.sol.3.91.961112105154.22259A-100000@shakti>

Group,
Is there software (commercial or shareware, Mac or PC) to do custom QSL cards?
Thanks
James Bennett
KA5DVS/2

From owner-qrp-l@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: KFGlynn@aol.com
Subject: [4251] Question on Radials and Helical
Message-ID: <961112110853_1250028210@emout11.mail.aol.com>

Hi gang,

I want to use a Slinky as a ground mounted helical stretched out 10' on a PVC mast. I'd like to use a tuner (MFJ-901B) at the base feedpoint to tune the Slinky and feed with RG-58 to the rig. I'd approximated the length to be about a half-wavelength for 40M, which means (hopefully) a match on 40M.

I read in the ARRL Ant Book that if one uses about 15 ground radials it is not necessary to make them a quarter wave; a tenth wave will work equally well. I was thinking it may be best to have 8 smaller ones (maybe an eighth-wave) rather than 3 or 4 quarter-wave radials. I also like the SLV radial idea using twinlead or ladder line at a length of 20'.

Any ideas or suggestions would be greatly appreciated. I'll probably just build the SLV next spring, but I have the PVC and Slinky, tuner, etc already.

From owner-qrp-1@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: dolsonj@ix.netcom.com (James Dolson)
Subject: [4293] RF Attenuators - Source ?
Message-ID: <199611130236.SAA19292@dfw-ix7.ix.netcom.com>

Does anyone know of an inexpensive RF attenuator? It needs to handle 5 watts and drop the RF in various steps down to at least 100mw or so.

Tnx,
Jim
WB8ZBD
dolsonj@ix.netcom.com

From owner-qrp-1@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: "David Kreinberg" <kreinbd@ccgate.dl.nec.com>
Subject: [4275] SANTA CARRIES A 38 SPECIAL!
Message-ID: <9610128478.AA847841712@smtpgw.ccgate.dl.nec.com>

Inquiring minds NEED to know:

Any chance the much anticipated 38 Special from our very own Ori will be ready in kit form before or by the Holidays???

I wanted to be sure to tell Santa in advance, so he doesn't give another tie or belt this year!

All the best to Ori, Joe E., Norcal, and NJQRP on these exciting new projects. I'm sure you'll sell a ton of these kits!

Thanks for all your design efforts, guys.

73 de Dave NR3E (ex-AC5GY)
QRP-L #25 Dallas, TX

From owner-qrp-1@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: JCoote@aol.com
Subject: [4260] Simple Match Indicators ??
Message-ID: <961112125706_2080514473@emout19.mail.aol.com>

I've been thinking about building a -simple- L network portable tuner for

1.8-30 Mhz, QRP powers. Just a series inductor and variable cap between the antenna post and ground (counterpoise) post. Just two controls and SOME sort of simple match indicator. (I have no problem with the L and C values and construction)

I've seen SWR and match indicator projects in ARRL and other Amateur books. The thing which strikes me is these all require a lot of fuss to operate and to construct.. and are large. You could fit a few QRP rigs into some of these SWR bridges.

How about the idea of a simple RF sampling circuit at the radio side of the tuner, and just set the tuner for max on the meter? ... no meter calibration, bridges or forward/reverse switches. I recall seeing a simple "RF Current" meter in a LOWfer circuit. The antenna lead went through the center of a toroid core; the 10 or 20 turn "secondary" winding went to a diode bridge and DC meter of some sort; the more RF current, the greater the deflection.

I've also heard of using lamps and LEDs as simple, quick tuner indicators. Wouldn't lamps soak up valuable milliwatts?

I think the key is whether a good match (50 ohms to the transmitter) and maximum power transfer to the antenna always occur simultaneously... I've heard advertiser gossip about some tuners having "false settings", -good match indication but little power out.

(Just a few things to kick around)

73, Jay
W6CJ (ex-WB6AAM)

From owner-qrp-1@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: Pete Rossi <wa3nna@resuba.com>
Subject: [4287] TEST BEACON WEDNESDAY EVENING
Message-ID: <199611130140.UAA12686@resuba.com>

Wednesday evening (EST in North America), during the FOXhunt, I am going to make a test run of my automated 40 meter beacon. I expect to have it on from at least 9-10 PM (0200-0300 UTC Thursday 11/13)

FREQUENCY : 7021 KHz (7023 alternate)

OUTPUT POWER : Power will cycle though 6 different levels, 2 minutes at each level, resulting in 5 complete cycles per hour.

----- minutes past hour -----					power level
:00-02	:12-14	:24-26	:36-38	:48-50	2 W
:02-04	:14-16	:26-28	:38-40	:50-52	200 mW
:04-06	:16-18	:28-30	:40-42	:52-54	20 mW
:06-08	:18-20	:30-32	:42-44	:54-56	2 mW
:08-10	:20-22	:32-34	:44-46	:56-58	630 uW
:10-12	:22-24	:34-36	:46-48	:58-60	200 uW

Note the 630 uW level inserted between 2 mW and 200 uW represents the 5 dB mid-point between the two levels.

These times should be pretty accurate, however, keep in mind that the power level will not change to the next level until the previous message has finished sending.

THE MESSAGE:

VVV VVV xx MW <4_letter_code_word> DE WA3NNA/B QRP

Sent at aprox 15 WPM. Unique codeword for each power level.

ANTENNA : inverted-vee @ 50' running north/south

LOCATION : Newtown Square PA FM29hx (about 15 miles west of Philadelphia)

This is a trial run for the real thing that will be on over Thanksgiving weekend. Details to follow.

So, if you can't hear the FOX, try for the beacon. Send all reports to ---> wa3nna@resuba.com

73,

Pete Rossi - WA3NNA

From owner-qrp-l@Lehigh.EDU Tue Nov 12 23:12:56 1996
 From: "Mike Rhodes" <weightdn@bright.net>
 Subject: [4286] Thanks for O'scope Primer
 Message-ID: <199611130132.UAA22614@brutus.bright.net>

Just a note to say thanks to all that sent me copies of the O'scope primer. Now all I gotta do is figure out how far back to set the thermostat to balance the temp and keep the electric bill under control. :--)

72/73 de Mike / W8DN
weightdn@bright.net

From owner-qrp-l@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: "Dean Marzocca" <n2tnn@ifu.net>
Subject: [4297] TX vvvvvvvv CA
Message-ID: <199611130344.WAA10969@mail.ifu.net>

I'm very surprised not to hear any comments concerning the Tx-----CA duel going on. Did either team close-in or pull away from the other? I haven't been paying attention so I wasn't influenced by who was calling me. I am happy to hand out the points but at least I could hear some shouting to make me feel better. Come on now guys, lets hear what's happenin'

72/73, Dean, NJ, N2TNN, QRP-L # 560

From owner-qrp-l@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: "duane" <duane@flinet.com>
Subject: [4229] update on my 30 m explorer
Message-ID: <199611120639.BAA00903@shell.flinet.com>

Hey all you guys and gals out there looking for the fox I wish you luck, but I'm on 30 meters having a blast! Since I put together my Explorer II I have worked 11 states and 2 country. I haven't had much time on the air but sure having a lot of fun.

WA4AUG KY HOWARD	WU9E WI JOE
VE2GLZ Quebec Marchand	K9DIY IN MILLARD
K4BXN NC JOHN	AD4EP VA GEORGE
N2CQM NJ PAT	K2CQV NC DAVE
K1PUG CT HENRY	TI4VSG COSTA RICA VAREL
W4MYO AL EDWARD	K9YKL CO JIM
KB7ZJU FL STAN	

Hey I worked K9YKL at 0100 am EST I though the band was suppose to be dead at that time of the nite, oh well this record isn't going to set the world on fire but sure cause me to bit by the QRP bug.

Duane AB4BE
<http://www.flinet.com/~duane>
duane@flinet.com
ab4be@amsat.org

From owner-qrp-1@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: Toshiyuki Ando <ando@oecj.co.jp>
Subject: [4289] WA5 station responded my CQ
Message-ID: <32893172.39C0@oecj.co.jp>

Hi QRPers,

I am Toshi Ando, JK1APL in Tokyo.
Last night 0000JST(1500GMT) I just wanted to have a QSO
before going to bed and I switched on my IC730. There
were just a few stations on 40m. I "turned up" my IC730
RF power volume to 4 watts as it was late night and no
afraid of TVI... (Usually it is set 2 watts or so) I called
CQ on 7029. Right after my short CQ, a station called me.....
JA5VGI.....? He repeated his callsign three times and
I noticed that is WA5VGI(near SF).
His RST was 579 on my meter and he gave me my report 559.
He was using TS940S with vertical and I was using
IC730/4watts with dipole (only 10 meters above the ground)
I did not expect a call across the ocean at all!
I really enjoyed QRP DX. This was a thrilling QSO
during the last many years.

Toshi Ando
JK1APL

--

From owner-qrp-1@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: macdondd@cadvision.com (Duncan David Mac Donald)
Subject: [4291] would like information
Message-ID: <199611130232.TAA74202@huey.cadvision.com>

Hello All .

is it possible that Someone could send me the E-MAIL address of
Jim Cates and Widerness Radio

Thanks de Duncan VE6DMD.

QRP is getting the Most from the Least.

From owner-qrp-1@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [4302] Re: 49er contest -where's all the 49ers?
Message-ID: <Pine.SUN.3.90.961112204020.3307B-1000000@vortex.sage.dri.edu>

On Tue, 12 Nov 1996 WJ4PRandy@aol.com wrote:

> After looking closely at the log from last nite
> I found I only worked ONE 49er! HEY!
> Where are you guys hangin out?
> 73, Randy WJ4P

I heard a station in AL calling CQ 49 and thought I had one....he was a good 579 here but turned out he was fishing for one!

Oh well.....

Heard the fox one time and then nothing....7035.6, about 449.

Nothing on 7112....

cul,

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-1@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: Bill Myers <bmyers@destin.nfds.net>
Subject: [4303] Re: 49er contest -where's all the 49ers?
Message-ID: <1.5.4.16.19961112225132.094f62ca@destin.nfds.net>

At 11:29 PM 11/12/96 -0500, WJ4PRandy@aol.com wrote:
>After looking closely at the log from last nite
>I found I only worked ONE 49er! HEY!
>Where are you guys hangin out?

I was there, let's see...last night mine went into self oscillations and I had to fix it. Didn't get up on the air until just after 0200Z and finally

got the resistors tacked on about 0240 (had to catch at least one fox last night.) Power out was way down but I tried...

Tonight, I didn't get a chance to get on until just after 0200Z, found the N/T fox and worked him (needed a N/T, haven't worked one yet). By the time I got down on 7040 +/-, I had a foreign broadcast station overloading the front end of the 49'er. Sooooo, guess I'll do your BC mod as soon as I find a torroid to wind. Looks like I'll have to order some more.

I've had a couple of contacts on the 49'er, just none during the contest times. And I'm working swing shifts the rest of the week. Will have to try next time, by then I'll have the 49'er broke in real good. In fact, I'm going to try to make a couple of more circuit boards and have a couple of them around to play with. Plan on doing the same with the SST, get a couple and leave at least one "stock" and mod the heck out of the rest.

I didn't know how much I missed playing around with this stuff until I got into QRP. Been kicking myself in the rear end since, as I continue to build more stuff to play with.

72/73

--

Bill Myers KK4KF FISTS#2390 QRP-L#755 ARRL ARCI#9282

Snail Mail P. O. Box 178

Shalimar, FL 32579-0178

Grid EM60rk

e-mail <bmyers@destin.nfds.net>

homepage <http://destin.nfds.net/~bmyers/>

CHECK OUT THE FISTS INTERNATIONAL CW CLUB HOMEPAGE

<http://n9nvv.qrp.com/~fists>

^^^^ That's N 9 N V V

From owner-qrp-l@Lehigh.EDU Tue Nov 12 23:12:56 1996

From: wmcshan@REX.RE.uokhsc.edu (Mike McShan)

Subject: [4255] Re: 49er Offset Modification

Message-ID: <v01540b00aee55676574@[157.142.56.166]>

Hi gang,

I did the 49er offset modification worked out by Randy Hargenrader and posted by Jim, KJ5TF. I did not use the 220 uH choke; instead, I used a 1M ohm resistor as was originally specified by Randy. The modification works great (as determined by monitoring with my Yaesu rig), however, it has

introduced an annoying side effect. When I key the 49er now I get a loud thump in the audio - very impressive when you're wearing headphones. *:-0 Would the 220 uH choke have solved this problem or do I need to insert an audio clipper made from a couple of diodes as was popular in the pre-AVC days? Any thoughts out there? (I don't know if this has any influence on the problem, but I have also done NA5N's audio mod.)

Mike N5JKY

(BTW, TRIED to work the 49er contest last night - heard lots O'signals but nothing related to the contest - calling CQ 49 with my mighty 400 mW didn't help either. Oh, well, tonight's another chance...)

Here is the summary of the modification for those who have trashed that piece of mail:

>

>Parts list; 1N4148 or 1N914, 1N4003, two .01uF caps, 10 M Ohm resistor, and a 220uH choke. Thats it.

>

>The 10 M Ohm goes to U1 pin 8, the choke attaches to the other end of the resistor. Next the 1N4148 is soldered onto the free end of the choke.

>The banded end is soldered to "keying in" on the PCB.

>At the junction of the 1N4148 and the choke, solder one end of one of the .01uF caps, the other end of the cap goes to ground.

>

>Almost done! Now solder the banded end of your 1N4003 diode to the junction of the 10 M Ohm and the 220uH choke, the other end of the diode goes to ground. Now solder one end of the last .01uF cap to the same junction, and the free end to the junction of RFC6, and C6.

From owner-qrp-1@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: WJ4PRandy@aol.com
Subject: [4263] Re: 49er Offset Modification
Message-ID: <961112131826_348613449@emout06.mail.aol.com>

Hi Gang,

I don't have the "thump" so I can only guess at a cause or two...and I am using the modified lm380 circuit also...
If you are using the 1meg resistor instead of the choke you do not need the .01 cap as described in Jim's write up. THAT might be the source of the "thumps". I didn't use the cap

until I used the 220uH choke.
Thata all I can think of right now. One question-
and I know this sounds ridiculously idiotic but-
does the "thump" occur on "key down" or "key up"?
A significant clue is there....
73, Randy WJ4P

From owner-qrp-1@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: wmcshan@REX.RE.uokhsc.edu (Mike McShan)
Subject: [4269] Re: 49er Offset Modification
Message-ID: <v01540b01aeae7cdfabb6@[157.142.56.166]>

Replies to Randy's questions:

>If you are using the 1meg resistor instead
>of the choke you do not need the .01 cap
>as described in Jim's write up. THAT might be

Did not use the cap, just the resistor...

>Thata all I can think of right now. One question-
>and I know this sounds ridiculously idiotic but-
>does the "thump" occur on "key down" or "key up"?

key down...

The 49er is still usable but I would like to remove the thump if possible.
BTW, the output on transmit sounds clean with no clicks, etc. (as judged by
external receiver).

Mike N5JKY

From owner-qrp-1@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: wmcshan@REX.RE.uokhsc.edu (Mike McShan)
Subject: [4281] Re: 49er Offset Modification Question
Message-ID: <v01540b02aeae7492c355@[157.142.56.166]>

>Randy and those others that have made the tx offset mod...
>
>I did the mod this afternoon using the resistor, I'm outta chokes right now.
>Anyway, my power out dropped to about 50mw, from 500mw. I removed the mod
>and it jumped back up. I rechecked the position and direction of the diodes

(snip)

>Bill Myers KK4KF FISTS#2390 QRP-L#755 ARRL ARCI#9282

The mod did not affect output power at all on my 49er - it runs a little over 400 mW with 12V supply. BTW, I carefully drilled a few holes in the board so that I could mount the parts on the topside (just a partial dead bug job :)); I wonder if any stray capacitance between parts and the PC board foil could affect output if the mounting is underneath?

Mike N5JKY

From owner-qrp-l@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: Bill Myers <bmyers@destin.nfds.net>
Subject: [4282] Re: 49er Offset Modification Question
Message-ID: <1.5.4.16.19961112172952.0d774490@destin.nfds.net>

At 05:17 PM 11/12/96 -0600, Mike McShan wrote:

>The mod did not affect output power at all on my 49er - it runs a little
>over 400 mW with 12V supply. BTW, I carefully drilled a few holes in the
>board so that I could mount the parts on the topside (just a partial dead
>bug job :)); I wonder if any stray capacitance between parts and the PC
>board foil could affect output if the mounting is underneath?

I hadn't thought of that Mike, I tacked the parts on the bottom of the board. Guess I'll drill a couple of holes and mount everything on top and try it.

Mine started oscillating last night so I tacked two resistors on last night (dropped the power out to 150mw) and pulled the two chokes and wound two torroids today, finally got the power back up. Boy was I surprised when I found the power out down after the offset mod!!!!!!!!!!!!!!

Tnx es 72/73

--

Bill Myers KK4KF FISTS#2390 QRP-L#755 ARRL ARCI#9282

Snail Mail P. O. Box 178

 Shalimar, FL 32579-0178

Grid EM60rk

e-mail <bmyers@destin.nfds.net>

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CHECK OUT THE FISTS INTERNATIONAL CW CLUB HOMEPAGE

<http://n9nvv.qrp.com/~fists>
^^^^ That's N 9 N V V

From owner-qrp-1@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: WJ4PRandy@aol.com
Subject: [4285] Re: 49er Offset Modification Question
Message-ID: <961112193306_1848659723@emout11.mail.aol.com>

Hi gang,
My experience is similar to Mikes, no power drop due to the offset mod. My mod is half on top and underneath. Just be careful about what pin you are tying the 10 meg to on U1... You are obviously loading the osc in the NE602 which would reduce the drive and subsequently the output power.
My 40-9er deviates from standard by exchanging the choke and tuning cap. I don't know if this significant in either case (you or Mike's). But I will continue to look.
73, Randy WJ4P

From owner-qrp-1@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: Cecil A Moore <Cecil_A_Moore@ccm.ch.intel.com>
Subject: [4252] Re: Balun or not balun?

>From: "W. Daniel, 9V1ZV" <daniel@pandora.lugs.org.sg>
>I am wondering if adding a balun will make any difference.
>If so, where will those differences be? Noise? Sensitivity?
>Directionality? etc?

Hi Daniel, I use a balun and therefore I don't wonder or worry. In your case above, just take 8 turns of coax at the feedpoint and tape them together. Without the balun, depending on the length of your coax, the signal emerging from the inside surface of the braid may see a lower impedance looking back down the outside of the braid than it sees looking into the antenna.

One cannot change ohm's law by keeping the coax in the center plane of the antenna.

If you were the current and you saw 5 ohms looking down the outside braid back toward the transmitter and saw 25

ohms looking into the antenna, which path would you take?

73, Cecil, W6RCA, 00TC (not speaking for my employer)

From owner-qrp-1@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: Phil Wheeler <pcw12@ix.netcom.com>
Subject: [4227] Re: Bencher Paddle
Message-ID: <3288133A.164E@ix.netcom.com>

Hey...I've been playing with paddles for abt 10 yrs and STILL use them on the air only occassionally.

AH..but today I ordered a Jones Iambic paddle. Been trying a friend's (W6QR, ex KJ6GR) (his unit's S/N is 69) for a few days and I love it. Not cheap (\$180 at AES) but really slick and heavy.

So after 43 yrs on CW (5000+ contacts in 1953-1954) I'm finally getting the hang of paddles!

Phil W7OX

From owner-qrp-1@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: "Robert D. Haslach" <rhaslach@CapAccess.org>
Subject: [4292] Re: For sale - misc Ten-Tec & other goodies
Message-ID: <Pine.SUN.3.91-FP.961112210939.8100A-100000@cap1.capaccess.org>

N3FRT comments - You should see NF3I's closet! All the original boxes and manuals! Now, with that kind of order, why does his shack look like a sure=fire contest winner?

On Tue, 12 Nov 1996, Scott Rosenfeld NF3I wrote:

> Ten-Tec Scout MODULES - 80, 40, 17, 12 meters \$23 each
> Ten-Tec Scout hand mic (700C - \$18), mobile bracket (\$13)
>
> MFJ-931 artificial ground - \$50
> MFJ-202 RX noise bridge - \$30
>
> 40/20 trap dipole, about 40' long (no brand, but has a model number).
> antennas was 1/2 outside thus 1/2 of it is oxidized, the other
> half like new. \$80 new, asking \$40.
>

> MFJ-1704 High-power 4 position (with cented ground, lightning protection)
> coax switch, new in box, never used - \$60 new, \$48.
>
> Ramsey PA-10 2m 5 in 30 out power amp - preamp has been removed.
> Excellent condition with box and manual, \$45.
>
> and that's all (for now)
>
> * Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
> *** 6m 75 grids worked on 8 watts *** HF 138 cfmd * QRP-L #147 ***
> ** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
> * 301-549-1022 h / 301-982-1015 w *** 145.490- 147.225+ PL 156.7 *
>
>

Regards,
Robert D. Haslach
Bye

From owner-qrp-1@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: k2nf@juno.com (Norman E Fink)
Subject: [4244] Re: FOX ALERT!! FOX ALERT!! FOX ALERT!!
Message-ID: <19961112.102427.4903.6.k2nf@juno.com>

Please note that the frequency I posted in my earlier
message is incorrect!

It should be 7035 +/-.

Sorry, gang.

Norm, K2NF

From owner-qrp-1@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: jdenison@aisp.net (JOEL DENISON)
Subject: [4238] RE: Fox Hunt?
Message-ID: <19961112133459811.AAA45@slip20.ts-f-merrill.caps.maine.edu>

There are a couple of things about fox hunting I have just learned.
One is that just because there is a fox there is not necessarily a hunt. And
if one is bullheaded enough to hunt she, he does not necessarily get a fox.
A hint of this is realized in the words themselves: Fox hunt.

These are two seperate words and may or may not be linked together. Just as in listening to static for two hours does not necessarily get one a fox. I guess a better EXAMPLE is: Getting married does not necessarily guarantee one a happy life or wife or husband or partner. (got to include the new age stuff :-)

Fox hunting is a bit of insanity, looking for a fox that is not there, but in theory could be there, and will be there: if you don't hunt, and won't be there: if you do!

Lets take the words Happy Foxhunting...

God Bless
Joel

WA5CVM

Joel Denison

81 High street

Farmington, Maine 04938

jdenison@aisp.net

33ft Vertical up 6ft & Inverted Vee up 40ft.

QRP ARCI 4066 NEW ENGLAND QRP 467 QRP-L 765

From owner-qrp-l@Lehigh.EDU Tue Nov 12 23:12:56 1996

From: cooper@gmpvt.com (Tom Cooper)

Subject: [4237] Re: FOX: QSL 100%

Message-ID: <199611121344.IAA17793@web.gmpvt.com>

>I believe it is one of the rules for FOXes that they
>are to QSL 100%. I am still waiting for my one card
>from the only FOX I worked "some time ago." Let's hope
>the all QSL 100%.

>72/73 Dennis K3ETS, Dallas

>

>

>

I will happily reply to any cards received, there are several all filled out on my desk right now, waiting for my memory to work when I'm near the Post Office and have me get stamps.

I have no plans to send cards to those who don't request them. There's way too much clutter in my life right now, and yours too, I bet. If anyone needs my card for ANY qso we've ever had, just let me know. Otherwise, thanks and no more clutter to you!

Tom WA1GUV

From owner-qrp-1@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: Steve Bornstein <saborns@freenet.columbus.oh.us>
Subject: [4259] Re: Has Anyone Seen the new Vibroplex Straight Key
Message-ID: <Pine.3.07.9611121221.A683-9100000@login>

Hello All,

A fellow QRP'er in the neighborhood just purchased one of the new Vibroplex straight keys. I tried it out and was very impressed. Has good feel and has a massive (won't move on you) base. The finish is also very nicely done. Nice key although pricy.

73 K8IDN QRP-L #331

On Tue, 12 Nov 1996 KFGlynn@aol.com wrote:

> Hi gang,
>
> Has anyone seen their new straight key (other than the photo)?
>
> Just curious.
>
> 72 Kevin N2T0 (ex-KB2TE0)
>

From owner-qrp-1@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: Ed Tanton N4XY <n4xy@avana.net>
Subject: [4264] Re: Has Anyone Seen the new Vibroplex Straight Key
Message-ID: <3288B1B5.46F4@avana.net>

Hi Kevin... I was at the Montgomery AL Hamfest this past weekend and saw one there... had a nice LONG chat with Mitch Mitchell, WA4OSR. He is CONSIDERING the manufacture of a lightweight set of paddles using aluminum instead of brass or whatever. I encouraged him all I could and promised an order. It might not hurt if others on this reflector were to do the same thing, since the setting up for a new product is a big deal. I cannot really say anything about the straight key since I only LOOKED

at it, and did not even try it out. But it WAS there. CUL

--

72/73

Ed Tanton N4XY EMAIL: n4xy@avana.net TEL: (770)579-3933
Voice/MBX/FAX
189 Pioneer Trail, Marietta, GA 30068-3466

QRP-ARCI#7663 G-QRP#6779 OK-QRP#172 QRP-L#758 AdvRC#140 NORCAL#1779
NCDXF SEDXC
Life Member: ARRL AMSAT IDRA INDEXA QCWA URL:
Coming Soon

"Think you can, think you can't: either way you're right!" Henry Ford

From owner-qrp-1@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: Patrick Taber <ptaber@logiccraft.com>
Subject: [4265] Re: Has Anyone Seen the new Vibroplex Straight Key
Message-ID: <1.5.4.32.19961112184233.009b4ba8@freebird>

>Has anyone seen their new straight key (other than the photo)?

>

I have one on order. I'll let you know what I think of it when it shows up.

I have to say that the "standard" version looks a lot nicer than the chrome one. The standard looks business-like and utilitarian. The chrome one with the red knob looks like something a bouncer in a cat house would own....

When I was ordering, the woman (whith the voice to die for) on the other end told me that they now have plexiglass covers for all the keys in their inventory (including the straight.) Just thought I'd pass that along in case there are others like me who have a Vibroplex monkey on their backs.

>>>==>PStJTT

From owner-qrp-1@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: JEVERHART@cayman.vf.mmc.com
Subject: [4267] Re: Has Anyone Seen the new Vibroplex Straight Key
Message-ID: <961112135414.20402102@cayman.vf.mmc.com>

Pat you wrote, in part (re vibroplex straight key):

>I have to say that the "standard" version looks a lot nicer than the chrome
>one. The standard looks business-like and utilitarian. The chrome one with
>the red knob looks like something a bouncer in a cat house would own....

Now how would *you* know?

If Monte had said that, I'd believe him, but consider where he's from. The
Mayflower madam is history, or is she?

I'm not even gonna tell you how this is QRP-related!

72/73,

Joe E., N2CX

From owner-qrp-1@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: Stew Whitehouse <76443.501@CompuServe.COM>
Subject: [4273] RE: Iambic keying
Message-ID: <961112204630_76443.501_GHN36-1@CompuServe.COM>

Hi folks,
In addition to queen charlotte try these for practice:
<X2UUF> and <BENS BEST BET>. Used to do these when
learning to send with a bug. (Navy called them speed keys and
you needed a license to use one). The important thing is to
maintain the spacing, without getting choppy, as you increase
speed.

72 Stew ke4yh
Dunedin, Florida

From owner-qrp-1@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: "Dean Marzocca" <n2tnn@ifu.net>
Subject: [4296] Re: Monday nite fox results
Message-ID: <199611130340.WAA10780@mail.ifu.net>

Ken,

I was on 7.037, then moved to 7.0371 and after 0200 I moved down to
7.03685. I had a loud qso just above me and there was qrm down around
7.0362 so I had the filter very tight.

Some stations were 10 over 9 and some were just above the noise floor. The
weak ones were a real thrill. Some exchanges only took 15 seconds or so and

then they were gone.

Did you see the log? It was a very long skip out to the west coast and nothing down by you. On Sunday night it was a short skip and I checked into the Knightlight Net in NC with only 95mW. The conditions have been changing.

Sorry I missed you but maybe next time around.

72/73, Dean, NJ, N2TNN, QRP-L # 560
EMPS Q=4 S=3 DX=1

> From: CHARLES K BROWN <n4so@juno.com>
> To: n2tnn@ifu.net
> Subject: Re: Monday nite fox results
> Date: Tuesday, November 12, 1996 9:53 PM
>
> What frequency were you on?
>
>
> Ken Brown, N4SO
> QTH Near Mobile, AL
> QRP-L #622
> n4so@juno.com

From owner-qrp-1@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Subject: [4232] Re: Non-inductive resistor source
Message-ID: <Pine.SOL.3.94.961112071756.5850H-100000@utkux4.utcc.utk.edu>

Terman, early in the book on components, shows about 8 different winding patterns for creating non-inductive resistors from wire. Perhaps one of them will have a better frequency response--but cannot say for sure.

-73-

LB

From owner-qrp-1@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: Joe Gervais <vole@primenet.com>
Subject: [4276] Re: QSL card software?
Message-ID: <199611122212.PAA28078@primenet.com>

James (KA5DVS/2) wrote:

>

> Is there software (commercial or shareware, Mac or PC) to do custom
> QSL cards?

Any of the better "Draw" programs should work just fine.
I use ClarisWorks myself. Very happy with it. Accurate
sizing, flexible layout, object grouping, image importing,
etc. Good stuff. All you need is an inkjet printer capable
of doing it justice.

I print mine on off-white heavy-bond paper, excellent
results. More time consuming than getting them in bulk,
but I really like being able to customize a card when I
want to. In case I upgrade and change calls, for example. :-)

Cheers de KC7NEV,

-Joe, vole@primenet.com, AZ ScQRPions

From owner-qrp-l@Lehigh.EDU Tue Nov 12 23:12:56 1996

From: JEVERHART@cayman.vf.mmc.com

Subject: [4256] RE: Question on Radials and Helical

Message-ID: <961112113545.20402102@cayman.vf.mmc.com>

Kevin,

Re using a number of short radials to replace fewer long radials:

I've considered trying this to see how it works. Being numbers-oriented by
nature, my first thought is to do a comparison of the two methods. You could
get some idea of the relative effectiveness by measuring the feed point
impedance, first with the fewer long radials, then with the larger number of
shorties.

I expect the more effective configuration to show a lower feed point impedance
(as measured with an Autek RF-1 or MFJ 259). A less effective ground system
should show a higher feed point impedance (and maybe a more variable impedance
as you move around) due to increased loss.

It's jsut another thing I want to try when I find the time... Maybe *you*
could find the time! :-).

72/73,

Joe E., N2CX

From owner-qrp-1@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: wpc@west.net (John L. Roblin)
Subject: [4231] Re: Short Helically-wound Vertical
Message-ID: <v01530500aeade9906c97@[205.254.241.33]>

The article in the Handbook mentioned that the wire should be #12 or #14 insulated wire. Is it OK to use smaller guage wire, like #18 to #24 insulated, for winding the Helical Vertical for QRP use? Or should we stick with the larger size?

John, WA6KY0

From owner-qrp-1@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: Ed Tanton N4XY <n4xy@avana.net>
Subject: [4242] Re: Short Helically-wound Vertical Wire Size
Message-ID: <328875B9.7F4B@avana.net>

Larger wire is better from a current capacity point of view, but otherwise it is not a big deal until you get so small that the fragility of the wire becomes a negative factor.

--

72/73

Ed Tanton N4XY EMAIL: n4xy@avana.net TEL: (770)579-3933
Voice/MBX/FAX
189 Pioneer Trail, Marietta, GA 30068-3466

QRP-ARCI#7663 G-QRP#6779 OK-QRP#172 QRP-L#758 AdvRC#140 NORCAL#1779
NCDXF SEDXC
Life Member: ARRL AMSAT IDRA INDEXA QCWA URL:
Coming Soon

"Think you can, think you can't: either way you're right!" Henry Ford

From owner-qrp-1@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: wb2vuo@juno.com (William K Hibbert)

Subject: [4266] Re: Simple Match Indicators ??
Message-ID: <19961112.135158.4839.2.wb2vuo@juno.com>

There used to be a tuner, from AEA, I think, that did just that. I know a couple of local hams that either have one, or did in the recent past. They do work.

In the recent "73" mag with all the QRP stuff (October??) there was a QRP tuner with an SWR bridge that had Reverse only, allowing you to dip the SWR. You don't care what it is, really, just that it is at a minimum.

There was a thread on using a field strength meter (FSM) for adjusting your tuner in the field, and FSM's can be built right on the back of most any surplus meter, shhhot for a 200 uA movement or better. A lot of meters that are calibrated for industrial purposes, and will say things like PPM, RPM, RATE or what-have you, are actually 50 - 250 uA meters with a unique or proprietary face on them. Check in the junk box, at flea markets, in friend's junk boxes, etc... Actually, an lod CB radio S-Meter will fall in the right range for such a beast, and will a tuning meter from a defunct FM tuner.

If you use a small bulb in series with the feedline/wire, include a shorting switch so that you can bypass it and get all them dBm out to the ionosphere. I have to admit that matching a wire was easier in the Tube Days, but the batteries were a killer!

72/73, Keith, WB2VUO, QRP-L #582, ARRL LM, TS (WNY Section), VP/BARK, Trustee, KB2YTW/B 10 Mtr Milliwatting Beacon (250 mW @ 28.2870 MHz)
"In the Depths of the Great Bergen Swamp...FN13ac"

From owner-qrp-l@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: JEVERHART@cayman.vf.mmc.com
Subject: [4268] RE: Simple Match Indicators ??
Message-ID: <961112134023.20402102@cayman.vf.mmc.com>

Jay, (said the spider to the fly) step into my parlor...

The Rainbow Bridge/Tuner that will be described in articles in the upcoming QRPp and QRP Quarterly may help with your indicator needs. The bridge portion of the Rainbow can be used with any tuner for a small lightweight indicator.

The bridge part of it uses rf sensing to turn itself on and monitor forward and reflected power. The power samples are fed to a comparator circuit that reads the ratio of reflected to forward and automatically determines SWR. A multicolor LED bar graph display indicates five steps.

5:1 < SWR
3:1 < SWR < 5:1
2:1 < SWR < 3:1
1.5:1 < SWR < 2:1
SWR < 1.5:1

There are *no* adjustments to be made. The SWR sensor is switched in line when you want to measure and switched out when you are done. The already-mentioned rf sensing automatically turns it on when it sees RF power and off when there is none.

Can't give you more info now, but look for details in the up-coming newsletters and an announcement of availability of the kit from NJQRP.

72/73,

Joe E., N2CX

From owner-qrp-1@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: Phil Wheeler <pcw12@ix.netcom.com>
Subject: [4228] Re: WHITEROOK PADDLES
Message-ID: <3288146C.103@ix.netcom.com>

A friend of mine uses coax seal to "goo" them to his desk top. Worth a try!

Phil W70X

From owner-qrp-1@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: Chris Cartwright <ccart@vidtel.com>
Subject: [4233] Re: WHITEROOK PADDLES
Message-ID: <Pine.LNX.3.93.961112085305.580E-1000000@dns.vidtel.com>

On Mon, 11 Nov 1996, David Kreinberg wrote:

> My concern is, since they are so lightweight, how
> does one keep them stable when going at about a
> 20wpm clip ?? Any ideas on how to secure or mount

Dave,

While I don't have the 20 wpm problem (yet!) they are EXTREMELY light and move around even at my mighty 5 wpm. Currently I have mine strapped to

the bottom of the IC735 upsidedown with one of those hefty rubber bands they use in the produce aisle of a grocery store. It's about 1/2" wide and stretched very tight. It seems to hold the paddle fairly steady, but 20 wpm might make it wobble. (I wouldn't know just yet :)

NOTE: Since I key left handed (backwards, thumb=dah) I had to reverse the cable pinout to make it key right... err wrong...

72

-- Chris Cartwright N3XRV Gaithersburg, MD | dsc3cjc@imc220.med.navy.mil --
-- EMPS QS0s=0 STATES(w/c)=0/0 DX=0 FOX=0 | QRP-L #655 QRP-ARCI #9271 --

From owner-qrp-1@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: Glen Leinweber <leinwebe@mcmail.cis.mcmaster.ca>
Subject: [4257] Re: Zeners, Caps (measured)
Message-ID: <1996Nov12.121947-0500@[130.113.234.7]>

In <32888d5e.pandora@pandora.lugs.org.sg>, W. Daniel, 9V1ZV wrote:

> A second question about the zeners has to do with their capacitance. I
> have received conflicting information about this. Some say that the zeners
> present only in the region of 10 to 20pF capacitance under non-biased
> conditions. Others write that they present sufficient capacitance to make a
> significant difference as a consequence of that capacitance. I assume this
> to be more than 100pF.

>
> So, in practice does anyone know how much capacitance the zeners
> present? Thanks.

>
Daniel,

Once again, you ask a "me too" question, so since I've got the equipment at hand, I grabbed a 1N4744A Zener: 15 volts.

On a bridge (@ 1Khz.), and biased at 10 volts, so that the A.C. waveforms shouldn't make it conduct, it measured about 30 pF.

Couldn't measure the zero-bias capacitance, since the A.C. waveform the bridge uses would likely make it conduct, or at least self-bias it. In use as a class-C collector clamp, the zener would be biased at Vcc anyway.

Since the power rating of zeners depends a lot on the diodes' active area (high-power diodes have larger area) capacitance likely

scales up with the power rating. A 50 watt zener has a lot more capacitance than the 1 watt 1N4744A.

So in conclusion, the zener capacitance is likely going to be mostly insignificant, on the lower H.F. bands. Up above 20 meters, its capacitance would start to affect any filter design between the class-C stage and antenna.

Glen VE3DNL

From owner-qrp-1@Lehigh.EDU Tue Nov 12 23:12:56 1996
From: "W. Daniel, 9V1ZV" <daniel@pandora.lugs.org.sg>
Subject: [4245] Re: Zeners, Caps and Amplifiers (long)
Message-ID: <32888d5e.pandora@pandora.lugs.org.sg>

On Mon, 04 Nov 1996 10:44:36 -0700, "Larry V East" <lve1@inel.gov> wrote:

Device	Maximum Ratings					
Type	Vcb	Veb	Vce	Ic	Notes	
2N4427	40	2.0	20	400mA	1W @ 175MHz	
2N5109	40	3.0	20	400mA	Hi freq, Lo noise	
2N3866	55	3.5	30	400mA	1W @ 400MHz	
2N3553	65	4.0	40	1A	2.5W @ 175MHz	
MRF476	36	4.0	18	1A	3.0W @ 30MHz	
ECG235	65	4.0	65	3A*	MRF476 Replacement	
2SC799	80	5.0	40	3A	3.0W @27MHz	
SK3299	80	4.5	70	3A	2SC799 Replacement	

>

> *Pulse

>

> The parameter of interest here is Vcb, which essentially sets
> the maximum "safe" collector voltage. Its looks like all but

Hi Larry,

Okay, let us consider this Vcb thing a little. The MRF476 has a Vcb of 36V. Does this mean that the maximum output power we can get out of this device before destroying it is:-

$$(V_{cb} * V_{cb}) / (8 * R)$$

where R is the collector load? So, assuming a collector load of 20 ohms, the maximum output power that we can squeeze out of this device before its destruction would be:-

$$36 * 36 / (8 * 20) = 8.1W$$

Of course, we would not go anywhere near this in practice.

Thus, in selecting a zener diode to protect the transistors, the zeners should be valued at just under the V_{cb} , right? To protect an MRF476, for example, I'd pick a 35V zener, for example. Would this be about right?

A second question about the zeners has to do with their capacitance. I have received conflicting information about this. Some say that the zeners present only in the region of 10 to 20pF capacitance under non-biased conditions. Others write that they present sufficient capacitance to make a significant difference as a consequence of that capacitance. I assume this to be more than 100pF.

So, in practice does anyone know how much capacitance the zeners present? Thanks.

73 de 9V1ZV Daniel

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*-----+-----+
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+-----+-----+
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